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OM nucleic - nucleic search, using SW model
Run on: September 6, 2005, 09:13:40 ; Search time 6678 Seconds

(without alignments)
2044.696 Million cell updates/sec

Title: US-09-909-317-5
Perfect score: 2085

Sequence: 1 ttttagatgtatagttt.....cggccctgtgcggggg 2085

Scoring table: OLIGO_NUC
Gapop_60.0 , Gapext 60.0

Searched: 733684 seqs, 3274456166 residues

Word size : 0

Total number of hits satisfying chosen parameters: 14677368
Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 100 summaries
Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query Match Length	DB ID	Description
1	2085	100.0	2085	11 US-09-909-317-5
2	206	19.5	19	13 US-02-632-154183
3	406	19.5	17	17 US-10-027-632-154183
4	175	8.4	335	19 US-10-283-975A-327
5	175	8.4	20	US-10-723-860-2326
6	175	8.4	394	10 US-09-918-995-5037
7	175	8.4	398	9 US-09-960-253-117

No.	Score	Query Match Length	DB ID	Description
1	2085	100.0	2085	11 US-09-909-317-5
2	206	19.5	19	13 US-02-632-154183
3	406	19.5	17	17 US-10-027-632-154183
4	175	8.4	335	19 US-10-283-975A-327
5	175	8.4	20	US-10-723-860-2326
6	175	8.4	394	10 US-09-918-995-5037
7	175	8.4	398	9 US-09-960-253-117

No.	Score	Query Match Length	DB ID	Description
1	2085	100.0	2085	11 US-09-909-317-5
2	206	19.5	19	13 US-02-632-154183
3	406	19.5	17	17 US-10-027-632-154183
4	175	8.4	335	19 US-10-283-975A-327
5	175	8.4	20	US-10-723-860-2326
6	175	8.4	394	10 US-09-918-995-5037
7	175	8.4	398	9 US-09-960-253-117

; ORGANISM: Human
US-10-027-632-154183

Query Match 19.5%; Score 406; DB 17; Length 844;
Best Local Similarity 99.8%; Pred. No. 1.1e-187; Matches 456; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1207 CTGCCCTCAGGGAGAGGACACTTAAGAGTTGGGGCGGTGGTGCATGCC 1266
Db 1 CTGCCCTCAGGGAGAGGACACTTAAGAGTTGGGGCGGTGGTGCATGCC 60

Qy 1267 CTGATCCAGGCACTTGCGGAGACACTTAAGAGTTGGGGCGGTGGTGCATGCC 1326
Db 61 CTCGATCCAGGCACTTGCGGAGACACTTAAGAGTTGGGGCGGTGGTGCATGCC 120

Qy 1327 CGAGCTAGCCACACTTGCGGAGACCTTGCTTAAGAGATCACTTGAGCAGGAGTTGAGA 1386
Db 121 CGAGCTAGCCACACTTGCGGAGACCTTGCTTAAGAGATCACTTGAGCAGGAGTTGAGA 180

Qy 1387 TGTGSGTGAGGCCCTGAGCTCCAGCTACTCGGGAGGCTGGAGGCTCTGGAC 1416
Db 181 TTGTTGTTGAGGCCCTGAGCTCCAGCTACTCGGGAGGCTCTGGAC 240

Qy 1447 TCAGGAGTCAGACTCAGTCAGCCATGATGGGGCACTCCACTCCAGGGGTGAGAC 1506
Db 241 TCAGGAGTCAGCTGAGCTGAGCCATGATGGGGCACTCCAGGGGTGAGAC 300

Qy 1507 TCGTCCTCAAATAAAAGGGGGAGGGTTGGGGTAANTTAGTTGAAATCAAGTAA 1566
Db 301 TCGTCCTCAAATAAAAGGGGGAGGGTTGGGGTAANTTAGTTGAAATCAAGTAA 360

Qy 1567 GACTTCCTGAGACAGAACATAAGGGGGAGGGTTGGGGTAANTTAGTTGAAATCAAGTAA 1626
Db 361 GACTTCCTGAGACAGAACATAAGGGGTGGCTCCAAAGAGCTACTAGCT 420

Qy 1627 CAGCCCCAGCCCGCTCGGCCGCCGGCGGCC 1663
Db 421 CAGCCCCAGCCCGCTCGGCCGCCGGCGGCC 457

RESULT 4
US-10-283-975A-327
Sequence 327, Application US/10283975A

; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; TITLE OF INVENTION: Methods For Assessing and Treating Leukemia
; FILE REFERENCE: CDS 293 PCT
; CURRENT APPLICATION NUMBER: US/10/283, 975A
; CURRENT FILING DATE: 2002-10-30
; PRIOR APPLICATION NUMBER: 60/340, 938
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/338, 997
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/340, 081
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/341, 012
; PRIOR FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 900
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 327
; LENGTH: 335
; TYPE: DNA
; ORGANISM: HUMAN

US-10-283-975A-327
Sequence 327, Application US/10283975A
Publication No. US20040110792A1
; GENERAL INFORMATION:
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & File Reference: 05982.0193.NIPUS01
; CURRENT APPLICATION NUMBER: US/10/723, 960
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429, 739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2326
; LENGTH: 370
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-723-860-2326

Query Match 8.4%; Score 175; DB 20; Length 370;
Best Local Similarity 100.0%; Pred. No. 1.1e-71; Matches 175; Conservatve 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1888 GTGTTCTAGTCGGTGTGGTGTGGGCTTCGGACCTTGGGGAGCTGGGATGCC 1947
Db 129 GTGTTCTAGTCGGTGTGGGCTTCGGACCTTGGGGAGCTGGGATGCC 188

Qy 1948 GGACTCTTGGATAGCTCTATGAGTCAGTGAGCTGGCCAGGGGGCCCTTCAA 2007
Db 189 GGACTCTTGGATAGCTCTATGAGTCAGTGAGCTGGCCAGGGGGCCCTTCAA 248

Qy 2008 GAATCGCGGAGAGCTCCCGAGGATCTGGTCAG 2062
Db 249 GAATCGCGGAGAGCTCCCGAGGATCTGGTCAG 303

RESULT 5
US-09-918-995-5037
Sequence 5037, Application US/09918995
Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: HYSEQ, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20011-756
; CURRENT FILING NUMBER: US/09/918, 995
; PRIOR APPLICATION NUMBER: US/09/235, 076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSEQ for Windows Version 3.0

; OTHER INFORMATION:
; LOCATION: (1)..(335)
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (1)..(335)
; OTHER INFORMATION:
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (1)..(335)
; OTHER INFORMATION:
; US-10-283-975A-327

SEQ ID NO 5037
 LENGTH: 394
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-918-995-5037

Query Match 8.4%; Score 175; DB 10; Length 394;
 Best Local Similarity 100.0%; Pred. No. 1.1e-74; Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 GTGTTCTAGGTGGTGGCTGGCTCGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 1947
 Db 76 GTGTTCTAGGTGGTGGCTGGCTGGCTCGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 135
 QY 1948 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 2007
 Db 136 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 195
 QY 2008 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 2062
 Db 196 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 250

RESULT 7
 US-09-960-253-117
 Sequence 117, Application US/09960253
 Patent No. US20020123619A1
 GENERAL INFORMATION:
 APPLICANT: Benson, Darin R.
 APPLICANT: Mohamath, Raodoh
 APPLICANT: Lodes, Michael J.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121_556
 CURRENT APPLICATION NUMBER: US/09/960, 253
 CURRENT FILING DATE: 2001-09-20
 NUMBER OF SEQ ID NOS: 187
 SOFTWARE: FastSEQ For Windows Version 4.0
 SEQ ID NO 117
 LENGTH: 398
 TYPE: DNA
 ORGANISM: Homo sapiens

US-09-960-253-117

Query Match 8.4%; Score 175; DB 9; Length 521;
 Best Local Similarity 100.0%; Pred. No. 1.1e-74; Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 GTGTTCTAGGTGGTGGCTGGCTGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 1947
 Db 52 GTGTTCTAGGTGGTGGCTGGCTGGCTGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 111
 QY 1948 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 2007
 Db 112 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 171
 QY 2008 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 2062
 Db 172 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 226

RESULT 9
 US-09-960-253-107
 Sequence 107, Application US/09960253
 Patent No. US20020123619A1
 GENERAL INFORMATION:
 APPLICANT: Benson, Darin R.
 APPLICANT: Mohamath, Raodoh
 APPLICANT: Lodes, Michael J.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121_556
 CURRENT APPLICATION NUMBER: US/09/960, 253
 CURRENT FILING DATE: 2001-09-20
 NUMBER OF SEQ ID NOS: 187
 SOFTWARE: FastSEQ For Windows Version 4.0
 SEQ ID NO 107
 LENGTH: 665
 TYPE: DNA
 ORGANISM: Homo sapiens

US-09-960-253-107

Query Match 8.4%; Score 175; DB 9; Length 665;
 Best Local Similarity 100.0%; Pred. No. 1.1e-74; Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 GTGTTCTAGGTGGTGGCTGGCTGGCTGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 1947
 Db 73 GTGTTCTAGGTGGTGGCTGGCTGGCTCCGGAGCTTGCGGCCAGCTAGGGAGGATGGC 132
 QY 1948 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 2007
 Db 133 GGAGTCCTGGATAAGCTCTATCGAGTCGAGTCAGCCAGGGACGCTCTTGCAA 192
 QY 2008 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 2062
 Db 193 GAATGCAGGAGAGCATCCCAAGGACTCGTCCCGGATGCCATCATGGTGAG 247

RESULT 8
 US-09-833-790-349
 Sequence 349, Application US/09833790
 Patent No. US20020068288A1
 GENERAL INFORMATION:
 APPLICANT: Lodes, Michael J.
 APPLICANT: Wang, Tongtong
 APPLICANT: Secret, Heather
 APPLICANT: Mohamath, Raodoh
 APPLICANT: Indrias, Carol Y.
 APPLICANT: Fan, Liqun
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

RESULT 10
 US-09-960-253-106
 Sequence 106, Application US/09960253
 Patent No. US20020123619A1
 GENERAL INFORMATION:
 APPLICANT: Benson, Darin R.

APPLICANT: Mohanath, Raodeh
 APPLICANT: Lodes, Michael J.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 CURRENT FILING DATE: 2010-12-15
 FILE REFERENCE: 210121-556
 SEQ ID NO: US/09/ 960,253
 NUMBER OF SEQ ID NOS: 187
 SOFTWARE: FRATSEQ for Windows Version 4.0
 LENGTH: 722
 TYPE: DNA
 ORGANISM: Homo sapiens
 ; US-09-960-253-106

Query Match 8.4%; Score 175; DB 9; length 722;
 Best Local Similarity 100.0%; Pred. No. 1.1e-74;
 Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1888 GTGTTCTAGTCGGCGTGGGCTCCGGAGCTTGCGGCAGTAGGGAGATGCC 1947
 Db 124 GTGTTCTAGTCGGCGTGGGCTCCGGAGCTTGCGGCAGTAGGGAGATGCC 183

Qy 1948 GGAGTCCTCGATAAGCTCTATCAGTCGAGTCGAGTAGCCAGAGCGGGCGCCTCTTGCAA 2007
 Db 184 GGAGTCCTCGATAAGCTCTATCAGTCGAGTCGAGTAGCCAGAGCGGGCGCCTCTTGCAA 243

Qy 2008 GAATGCAGGAGAGCATCCCAAGAACTCTCTCGGATGCCATATSTGAG 2062
 Db 244 GAATGCAGGAGAGCATCCCAAGAACTCTCTCGGATGCCATATSTGAG 298

RESULT 11
 US-10-084-817-316
 Sequence 316 Application US/10084817
 Publication No. US20030119009A1

GENERAL INFORMATION:
 APPLICANT: Susan Stuart
 APPLICANT: Jed G. Nuchtern
 APPLICANT: Sharon E. Plon
 APPLICANT: Jason M. Shohet
 TITLE OF INVENTION: GENES REGULATED BY MYCN ACTIVATION
 FILE REFERENCE: PA-006 US
 CURRENT APPLICATION NUMBER: US/10/084,817
 CURRENT FILING DATE: 2002-02-25
 PRIOR APPLICATION NUMBER: 60/270,784
 PRIOR FILING DATE: 2001-02-23
 NUMBER OF SEQ ID NOS: 365
 SOFTWARE: PERL program

SBG ID NO: 316
 LENGTH: 3686
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. US20030119009A1 034181CB1
 US-10-084-817-316

Query Match 8.4%; Score 175; DB 15; Length 3686;
 Best Local Similarity 100.0%; Pred. No. 1.1e-74;
 Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1888 GTGTTCTAGTCGGCGTGGGCTCCGGAGCTTGCGGCAGTAGGGAGATGCC 1947
 Db 116 GTGTTCTAGTCGGCGTGGGCTCCGGAGCTTGCGGCAGTAGGGAGATGCC 175

Qy 1948 GGAGTCCTCGATAAGCTCTATCAGTCGAGTCGAGTAGCCAGAGCGGGCGCCTCTTGCAA 2007
 Db 176 GGAGTCCTCGATAAGCTCTATCAGTCGAGTCGAGTAGCCAGAGCGGGCGCCTCTTGCAA 235

Qy 2008 GAATGCAGGAGAGCATCCCAAGAACTCTCTCGGATGCCATATSTGAG 2062
 Db 236 GAATGCAGGAGAGCATCCCAAGAACTCTCTCGGATGCCATATSTGAG 290

RESULT 12
 US-09-864-864-300
 Sequence 300 Application US/09864864
 Publication No. US20020102679A1

GENERAL INFORMATION:
 APPLICANT: Xu, Jianguchun
 APPLICANT: Mircham, Jennifer L.
 APPLICANT: Harloker, Susan L.
 APPLICANT: Dillon, Davin C.
 APPLICANT: Sechrist, Heather
 APPLICANT: Lodes, Michael J.
 APPLICANT: Algate, Paul A.
 APPLICANT: Fling, Steve P.
 APPLICANT: Benson, Darin R.
 APPLICANT: Carter, Darrick
 APPLICANT: Mannion, Jane
 APPLICANT: Fling, Steve P.
 APPLICANT: Benson, Darin R.
 APPLICANT: Carter, Darrick
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121-523
 CURRENT APPLICATION NUMBER: US/09/864,864
 CURRENT FILING DATE: 2001-05-23
 NUMBER OF SEQ ID NOS: 341
 SOFTWARE: Corixa Invention Disclosure Database
 SEQ ID NO: 300
 LENGTH: 3859

TYPE: DNA
 ORGANISM: Homo sapiens
 ; US-09-864-864-300

RESULT 13
 US-10-097-340-3
 Sequence 3 Application US/10097340
 Publication No. US20030087250A1

GENERAL INFORMATION:
 APPLICANT: John MONAHAN
 APPLICANT: Manjula GANNAVARAPU
 APPLICANT: Sebastian HOBRSCH
 APPLICANT: Shubhangi KAMATKAR
 APPLICANT: Steve G. KOVATS
 APPLICANT: Rachel E. MEYERS
 APPLICANT: Michael MORRISSEY
 APPLICANT: Peter OLANDT
 APPLICANT: Ami SEN
 APPLICANT: Peter VEIBY
 APPLICANT: Gordon B. MILLS
 APPLICANT: Robert C. BAST, JR.
 APPLICANT: Karen LU
 APPLICANT: Rosemarie SCHMANDT
 APPLICANT: Xumei ZHAO
 APPLICANT: Karen GLATT
 TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
 TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
 FILE REFERENCE: MRI-030
 CURRENT APPLICATION NUMBER: US/10/097,340

	CURRENT FILING DATE:	2002-03-14	PRIOR APPLICATION NUMBER:	60/276,025
	PRIOR FILING DATE:	2001-03-14	PRIOR APPLICATION NUMBER:	60/325,149
	PRIOR FILING DATE:	2001-09-26	PRIOR APPLICATION NUMBER:	60/276,026
	PRIOR FILING DATE:	2001-03-14	PRIOR APPLICATION NUMBER:	60/324,967
	PRIOR FILING DATE:	2001/05/26	PRIOR APPLICATION NUMBER:	60/311,732
	PRIOR FILING DATE:	2001-08-10	PRIOR APPLICATION NUMBER:	60/325,102
	PRIOR FILING DATE:	2001-09-19	PRIOR APPLICATION NUMBER:	60/323,580
	NUMBER OF SEQ ID NOS:	363	SOFTWARE:	FastSEQ for Windows Version 4.0
	SEQ ID NO:	3	LENGTH:	3859
	TYPE:	DNA	ORGANISM:	Homo sapiens
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	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
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b	105	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Y	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
b	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	279	
S-10-163-587A-3	Sequence 3, Application US/10163587A			
	GENERAL INFORMATION:			
	APPLICANT:	Oliveira, Marcos	Publication No.	US20030096263A1
	TITLE OF INVENTION:	SELECTIVE PARP-1 TARGETING FOR DESIGNING CHEMO/RADIO SENSITIZING CURRENT APPLICATION NUMBER:	US/10/163,587A	
	FILE REFERENCE:	50229-305		
	CURRENT FILING DATE:	2003-01-10		
	PRIOR APPLICATION NUMBER:	60/296,110		
	PRIOR FILING DATE:	2001-06-07		
	NUMBER OF SEQ ID NOS:	40		
	SOFTWARE:	PatentIn version 3.1		
SEQ ID NO	3	3859		
	TYPE:	DNA		
	ORGANISM:	Homo sapiens		
	FEATURE:			
	NAME/KEY:	CDS		
	LOCATION:	(160)..(3204)		
	OTHER INFORMATION:			
S-10-163-587A-3	Query Match	8.4%; Score 175; DB 14; Length 3859;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
Y	1888	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	1947	
b	105	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Y	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
b	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	281	
S-10-163-587A-3	Sequence 3, Application US/10163587A			
	GENERAL INFORMATION:			
	APPLICANT:	Oliveira, Marcos	Publication No.	US20030096263A1
	TITLE OF INVENTION:	SELECTIVE PARP-1 TARGETING FOR DESIGNING CHEMO/RADIO SENSITIZING CURRENT APPLICATION NUMBER:	US/10/163,587A	
	FILE REFERENCE:	50229-305		
	CURRENT FILING DATE:	2003-01-10		
	PRIOR APPLICATION NUMBER:	60/296,110		
	PRIOR FILING DATE:	2001-06-07		
	NUMBER OF SEQ ID NOS:	40		
	SOFTWARE:	PatentIn version 3.1		
SEQ ID NO	3	3859		
	TYPE:	DNA		
	ORGANISM:	Homo sapiens		
	FEATURE:			
	NAME/KEY:	CDS		
	LOCATION:	(160)..(3204)		
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S-10-163-587A-3	Query Match	8.4%; Score 175; DB 14; Length 3859;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
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b	105	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Y	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
b	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	279	
US-10-334-143-100	Query Match	8.4%; Score 175; DB 17; Length 3861;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
Qy	1888	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	1947	
Db	107	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	166	
Qy	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
Db	167	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Qy	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
Db	227	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	281	
US-10-723-860-6526	Query Match	8.4%; Score 175; DB 20; Length 4100;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
Y	1888	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	1947	
b	105	GTGTTCTAGTCGCGGGCTTCCGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Qy	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
Db	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	279	
RESULT 15	Query Match	8.4%; Score 175; DB 20; Length 4100;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
Y	1888	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	1947	
b	105	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Qy	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
Db	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	279	
US-10-723-860-6526	Query Match	8.4%; Score 175; DB 20; Length 4100;		
	Best Local Similarity	100.0%; Pred. No. 1.1e-74;	Mismatches	0;
	Matches 1/5;	Conservative	Indels	0;
			Gaps	0;
Y	1888	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	1947	
b	105	GTGTTCTAGTCGCGCTCGGCTTCGGAGCTTGGGGCACTAGGGAGATGCC	164	
Y	1948	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	2007	
b	165	GGAGCTCGATAGCTCATCGAGCTCGAGTACCCAAAGAGCGCGGCCCTTGCAA	224	
Qy	2008	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	2062	
Db	225	GAATGCAGAGCATCCAAAGGACTCGCGATGGCCATCATGGTGCG	279	

Qy 1888 GNGTTCCTAGGCGCGGGCTCCGGAGCTTGCGGAGCTAGGGAGATGCC 1947 ; SOFTWARE: FastSEQ for Windows Version 3.0
Db 118 GGTGTTCTCTAGGCGCGGGCTCCGGAGCTTGCGGAGATGCC 177 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Qy 1948 GGAGTCCTCGGATAAAGCTCTATCGAGTCGAGTCAGCTCGCCAGAGCTCGGCTCTGCAA 2077 ; US-09-292-758-144
Db 178 GGAGTCCTCGGATAAAGCTCTATCGAGTCGAGTCAGCTCGCCAGAGCTCGGCTCTGCAA 237 ; Query Match 6.0%; Score 126; DB 9; Length 3640;
; Best Local Similarity 100.0%; Pred. No. 9 6e-51; Matches 126; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030180738A1
; TITLE OF INVENTION: Cancer Associated Genes and their Products
; FILE REFERENCE: No. US20030180738A1
; CURRENT APPLICATION NUMBER: US/10/181,47A
; CURRENT FILING DATE: 2002-07-18
; PRIORITY NUMBER: PCT/GB/01/000188
; PRIOR FILING DATE: 2001-01-18
; PRIORITY NUMBER: GB0000993.6
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO: 43
; LENGTH: 395
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(396)
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-181-47A-43

Query Match 6.5%; Score 136; DB 16; Length 396;
Best Local Similarity 100.0%; Pred. No. 1.3e-55; Matches 136; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; PRIORITY NUMBER: PCT/GB/01/000188
; PRIOR FILING DATE: 2001-01-18
; PRIORITY NUMBER: GB0000993.6
; SEQ ID NO: 43
; LENGTH: 395
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(396)
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-181-47A-43

RESULT 17 ; SOFTWARE: FastSEQ for Windows Version 3.0
US-10-181-47A-43 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Db 2008 GAATGCAGGAGAGATCCCAGAGCTCGCTCCGATCATGGTGAG 2652 ; US-09-292-758-144
Db 238 GAATGCAGGAGAGATCCCAGAGCTCGCTCCGATCATGGTGAG 292 ; Query Match 6.0%; Score 126; DB 9; Length 3640;
; Best Local Similarity 100.0%; Pred. No. 9 6e-51; Matches 126; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030180738A1
; TITLE OF INVENTION: Cancer Associated Genes and their Products
; FILE REFERENCE: No. US20030180738A1
; CURRENT APPLICATION NUMBER: US/10/181,47A
; CURRENT FILING DATE: 2002-07-18
; PRIORITY NUMBER: PCT/GB/01/000188
; PRIOR FILING DATE: 2001-01-18
; PRIORITY NUMBER: GB0000993.6
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO: 43
; LENGTH: 395
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(396)
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-181-47A-43

RESULT 18 ; SOFTWARE: FastSEQ for Windows Version 3.0
US-10-171-581-124 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Db 94 CGGCAGCTAGGGAGATGGGGAGCTTCGATAGCTCTATCGAGTCGATGCCA 153 ; US-09-292-758-144
Db 1927 GGGCAGCTAGGGAGATGGGGAGCTTCGATAGCTCTATCGAGTCGATGCCA 1986 ; Query Match 5.9%; Score 124; DB 15; Length 3795;
; Best Local Similarity 99.4%; Pred. No. 9.2e-50; Matches 174; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
; Publication No. US2003010426A1
; TITLE OF INVENTION: Signature Genes in Chronic Myelogenous Leukemia
; FILE REFERENCE: 9301-157-999
; CURRENT APPLICATION NUMBER: US/10/171,581
; CURRENT FILING DATE: 2002-06-14
; PRIORITY NUMBER: 60298,914
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 366
; SEQ ID NO: 124
; LENGTH: 3795
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(3795
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-171-581-124

RESULT 19 ; SOFTWARE: FastSEQ for Windows Version 3.0
US-10-171-581-124 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Db 2047 GGCCATCATGGTGAG 2062 ; US-09-292-758-144
Db 214 GGCCATCATGGTGAG 229 ; Query Match 5.9%; Score 124; DB 15; Length 3795;
; Best Local Similarity 99.4%; Pred. No. 9.2e-50; Matches 174; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
; Publication No. US2003010426A1
; TITLE OF INVENTION: Signature Genes in Chronic Myelogenous Leukemia
; FILE REFERENCE: 9301-157-999
; CURRENT APPLICATION NUMBER: J03473
; CURRENT FILING DATE: 2001-06-18
; PRIORITY NUMBER: 60298,914
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 366
; SEQ ID NO: 124
; LENGTH: 3795
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(3795
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-171-581-124

RESULT 20 ; SOFTWARE: FastSEQ for Windows Version 3.0
US-10-349-378-24 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Db 1948 GGAGTCCTCGGATAAGCTCTATCGAGTCGAGTCAGCCAGAGCTGGGGCTCTTCAA 2007 ; US-09-292-758-144
Db 101 GGAGTCCTCGGATAAGCTCTATCGAGTCGAGTCAGCCAGAGCTGGGGCTCTTCAA 160 ; Query Match 6.0%; Score 126; DB 9; Length 3640;
; Best Local Similarity 100.0%; Pred. No. 9 6e-51; Matches 126; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030170859A1
; TITLE OF INVENTION: Nucleic Acid Sequences and Proteins
; FILE REFERENCE: 017473-00110US
; CURRENT APPLICATION NUMBER: US/09/292,758
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: US 60/081,887
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(3640
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-349-378-24

RESULT 21 ; SOFTWARE: FastSEQ for Windows Version 3.0
US-10-349-378-24 ; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
Db 2008 GAATGCAGGAGAGATCCCAGAGCTCGCTCCGATCATGGTGAG 2062 ; US-09-292-758-144
Db 161 GAATGCAGGAGAGATCCCAGAGCTCGCTCCGATCATGGTGAG 215 ; Query Match 6.0%; Score 126; DB 9; Length 3640;
; Best Local Similarity 100.0%; Pred. No. 9 6e-51; Matches 126; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030170859A1
; TITLE OF INVENTION: Nucleic Acid Sequences and Proteins
; FILE REFERENCE: 017473-00110US
; CURRENT APPLICATION NUMBER: US/09/292,758
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: US 60/081,887
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO: 144
; LENGTH: 3640
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11)..(3640
; OTHER INFORMATION: n = 9, a, t, or c
; US-10-349-378-24

TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and Methods
 TITLE OF INVENTION: Methods
 FILE REFERENCE: 27866736544
 CURRENT APPLICATION NUMBER: US/10/369,378
 CURRENT FILING DATE: 2003-02-19
 PRIOR APPLICATION NUMBER: US/09/596,248D
 PRIOR FILING DATE: 2000-06-16
 NUMBER OF SEQ ID NOS: 68
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 46
 LENGTH: 3200
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:hPARP1/hPARP2
 OTHER INFORMATION: Fusion
 US-10-369-378-46

Query Match 3.4%; Score 71; DB 16; Length 3200;
 Best Local Similarity 100.0%; Pred. No. 7.6e-24;
 Matches 71; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1943 ATGGCGGAGTCTTCGCTAACTCTATCGACTCGAGTCGAGTACGCCAAGAGCGGGCCCT 2002
 Db 109 ATGGCGGAGTCTTCGATAACGCTATCGACTCGAGTACGCCAAGAGCGGGCCCT 168

Qy 2003 TCGAAGAAATG 2013
 Db 169 TCGAAGAAATG 179

RESULT 24
 US-10-199-937-177

; Sequence 177, Application US/10199937
 ; Publication No. US20030190739A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Christensen, Erik
 ; APPLICANT: DeMaggio, Anthony J.
 ; APPLICANT: Goldhan, Phyllis S.
 ; APPLICANT: McElligott, David L.
 ; TITLE OF INVENTION: TANKYRASE2 MATERIALS AND METHODS
 ; FILE REFERENCE: 27866736559
 ; CURRENT APPLICATION NUMBER: US/10/199,937
 ; CURRENT FILING DATE: 2002-07-22
 ; PRIOR APPLICATION NUMBER: US/09/606,035
 ; PRIOR FILING DATE: 2000-06-28
 ; PRIOR APPLICATION NUMBER: 60/141,582
 ; PRIOR FILING DATE: 1999-06-29
 ; NUMBER OF SEQ ID NOS: 178
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 177
 ; LENGTH: 3308
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Parpla-Tank2b
 ; OTHER INFORMATION: Fusion
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(3297)
 ; US-10-199-937-177

Query Match 3.4%; Score 71; DB 16; Length 3308;
 Best Local Similarity 100.0%; Pred. No. 7.6e-24;
 Matches 71; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1943 ATGGCGGAGTCTTCGCTAACTCTATCGACTCGAGTCGAGTACGCCAAGAGCGGGCCCT 2002
 Db 109 ATGGCGGAGTCTTCGATAACGCTATCGACTCGAGTACGCCAAGAGCGGGCCCT 168

Qy 2003 TCGAAGAAATG 2013

Db 169 ||||||| TGCAGAATG 179

RESULT 25
 US-10-087-192-370/C
 Sequence 370, Application US/10087192
 Publication No. US20020182586A1
 GENERAL INFORMATION:

APPLICANT Morris, David W.
 APPLICANT Engelhard, Eric K.
 TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
 FILE REFERENCE: 529452000122
 CURRENT APPLICATION NUMBER: US/10/087,192
 PRIOR APPLICATION NUMBER: US 09/747,377
 PRIOR FILING DATE: 2000-12-22
 SEQ ID NO: 370

PRIOR APPLICATION NUMBER: US 09/798,586
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 2059
 SOFTWARE: FastSEQ for Windows Version 4.0
 LENGTH: 35236

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(35236)
 OTHER INFORMATION: n = A,T,C or G

US-10-087-192-370

Query Match 2.5%; Score 52; DB 13; Length 35236;
 Best Local Similarity 100.0%; Pred. No. 1.4e-14;
 Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 306 GGTATTGGCATGGTGCTGGCTGGCTGAAGGATTC 357
 Db 31699 GGTATTGGCATGGTGCTGGCTGAAGGATTC 31648

Search completed: September 6, 2005, 11:05:15
 Job time : 6682 secs